Spinosad EU Renewal

Information Session with agri-food chain stakeholders

29 March 2023

CORTEVA™ agriscience

Outline of the Session

- A few words on Corteva Agriscience
- Spinosad Key Features and value for EU agriculture
- Update on EU renewal journey
- Q&A

A few words on Corteva Agriscience

- Our history
- A global footprint
- Focus on integrated solutions for farmers
- Our biologicals journey

Spinosad discovery – An exceptional story

- **1982: Found in soil samples** by a scientist vacationing in US virgin islands near an abandoned rum distillery
- **1989: Active metabolites identified** as spinosyns A and D from fermentation of soil organism
- **1997: First registration** in the US followed by commercial authorisations around the world

Awarded the US EPA Presidential Green Chemistry

➢ **Spinosad is one of the most widely used natural origin insecticide in the world**

Spinosad Key Features

Qalcova™ active

- Product of **natural origin**
- Cleared for use in **organic** food production
- Used on 200+ crops mainly **fruit and vegetables and specialty crops**
- Controls a **broad spectrum of pests**
- **Unique Mode of Action** (IRAC group 5)
- Uniquely **short pre-harvest intervals**
- **Compatible in IPM programs**
- Many years of **safe use**

Spinosad value for EU agriculture

Indispensable tool for EU farmers

- **Effective pest control** on +200 crops in 24 EU Member States
- **Often the only tool** for conventional & organic farmers
- **Controls problematic species** such as thrips or *drosophila suzukii*
- **Key crops** include apples, pears, citrus, berries, cherries, lettuce, onions, cabbages, tomatoes, potatoes, olives, walnut, stored cereals, wine grapes…

Natural origin and organic authorisation

- **Natural substance** obtained via fermentation – gentle process with water and sugar
- Considered **biocontrol** due to its natural origin
- Approved for use in **organic farming** in EU legislation
- Supports **EU policy objectives** to foster biocontrol and organic farming

Favourable profile and safe uses

- **Unique mode of action** classified in IRAC group 5 (spinosyns)
- **Compatible with IPM** with low impact on beneficial arthropods
- **Favourable residual profile** and lack of persistence in the environment

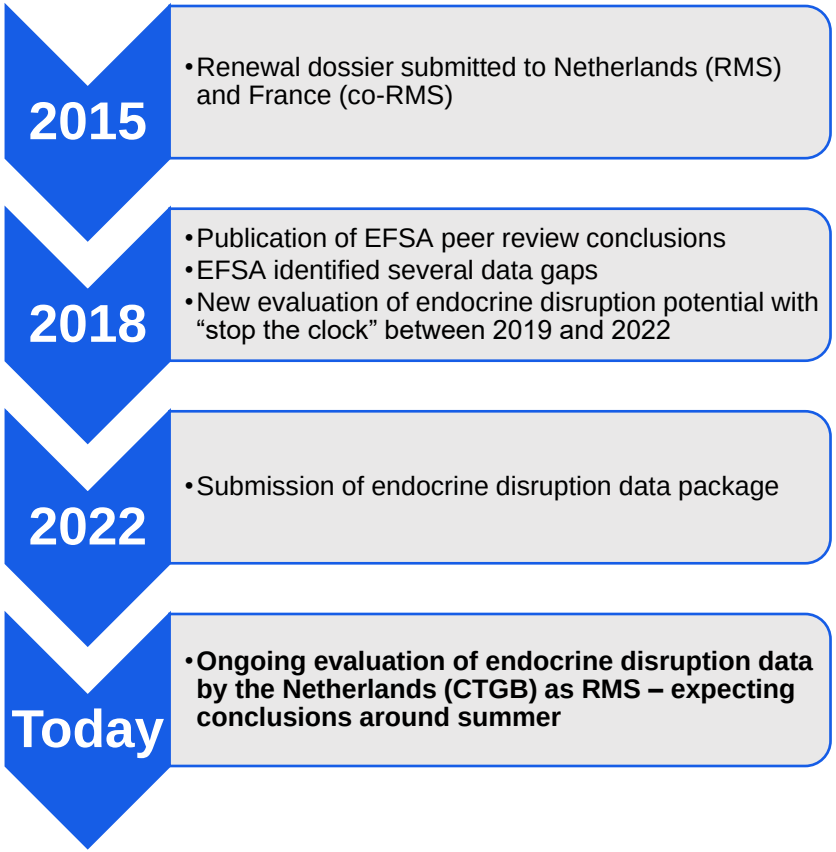
➢ **An indispensable pest control solution for both conventional and organic farmers in Europe, meeting societal demand for natural origin solutions and a more resilient and sustainable EU agriculture**

EU Renewal Journey

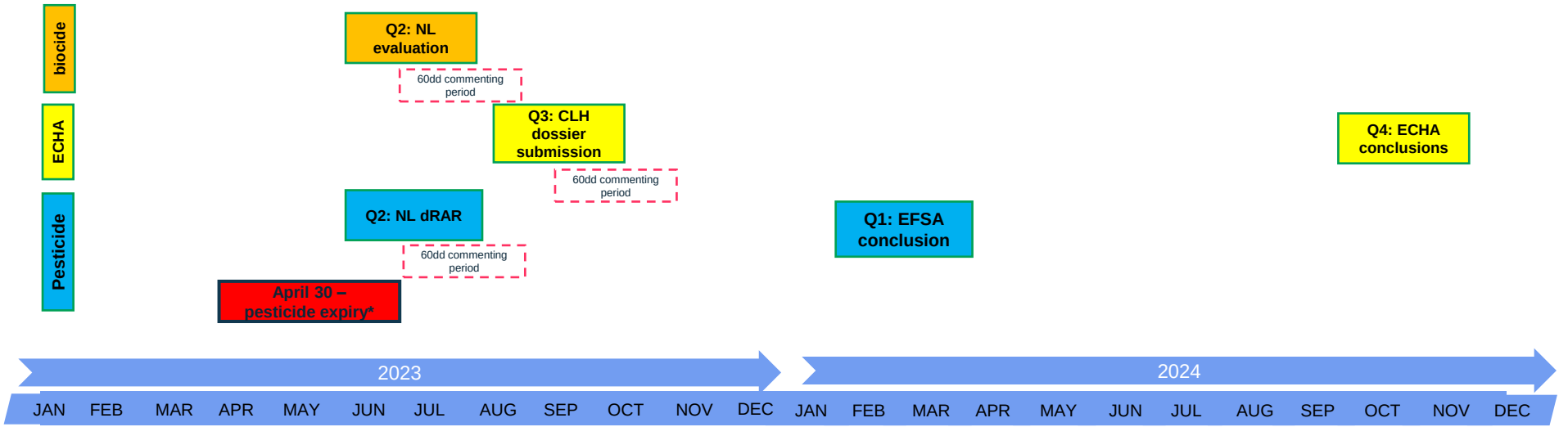
- **Approved in the EU**
- Registrations in 24 EU MSs
- **Currently under standard renewal process**

Three ongoing processes:

- EFSA evaluation
- ECHA review of classification
- Biocide renewal



EU Renewal Journey - Next steps

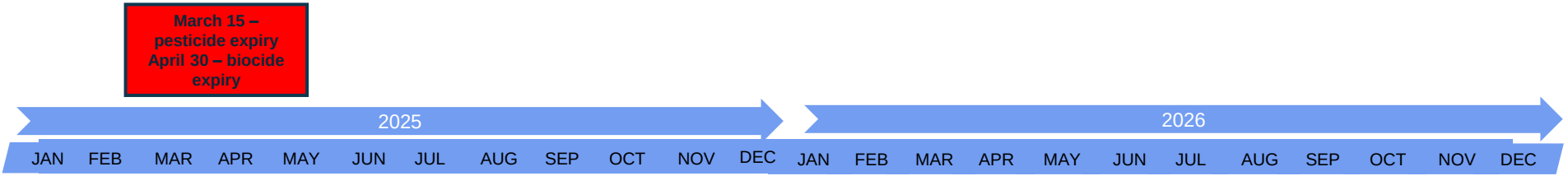


Note: Timelines are tentative and subject to change and delay in evaluation from authorities

*Extension to March 15, 2025 voted at January 2023 SCoPAFF – Publication of relevant EU Regulation expected soon

EU Renewal Journey – Next steps

POTENTIAL EU DISCUSSIONS ON SPINOSAD EU RENEWAL
TBC



Conclusions

- Corteva fully supports the renewal of spinosad at EU level
- Spinosad is one of the few effective and indispensable natural origin solution supporting EU sustainable ag - especially F&V, specialty crops and organic
- Critical for EU decision makers to hear from agri-food chain on importance of spinosad approval
- Agri-food chain stakeholders will be kept regularly updated on renewal journey

Questions & Answers


Thank you

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